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What is claimed is:

1. A woven textile prosthetic implant comprising:
an elongate tubular body formed of a fabric wall having 35
a fabric wall thickness no greater than about 0.16 mm.
said tubular body having longitudinally spaced wave-like, generally uniform crimps along the length thereof.
said crimps extending on both sides of said tubular body and having a crimp frequency of no less than 40
about 6 crimps per centimeter.
2. A woven textile prosthetic implant of claim 1 wherein
said tubular body includes an x-ray detectable, radiopaque
yarn therein.
3. A woven textile prosthetic implant of claim 2 wherein 45
said radiopaque yarn extends longitudinally along the length
of the tubular body.
4. A woven textile prosthetic implant of claim 1 wherein
said wave-like crimps have a peak-to-peak amplitude of no
greater than about 0.5 mm.

5. A woven textile prosthetic implant of claim 1 wherein said body has a fabric thickness of about 0.12 mm and a maximum crimp frequency of about 42 crimps per cm.

6. A woven textile graft comprising:

5 an elongate tubular graft body having a wall, said wall having a thickness of no greater than about 0.16 mm and defining a pattern of wave-like crimps extending along both sides of said tubular body, the number of
10 crimps, C, per centimeter of body length being defined by an equation:

$$\underline{C=120/t} \quad C = [2(t \div 10)]^{-1}$$

15 wherein t equals the body wall thickness in mm.

7. A woven textile graft of claim 6 wherein said wave-like crimps define a peak-to-peak amplitude of no greater than about 0.5 mm.

8. A woven textile graft of claim 7 wherein said tubular body includes a radiopaque marker therein.

9. A woven textile graft of claim 8 wherein said marker extends the length of said tubular body.

10. A woven textile graft of claim 1 wherein said tubular body is bifurcated.

25 11. A woven textile intraluminally implantable graft comprising:

30 an elongate tubular graft body having a wall, said wall having a thickness of dimension such that the graft body is capable of being radially compressed for insertion into a delivery catheter;
35 said tubular graft body having a plurality of longitudinally spaced wave-like crimps along the length thereof on both sides of said tubular body, said wave-like crimps defining a crimp frequency of no less than 8 crimps per cm.

12. A woven textile graft of claim 11 wherein said wall thickness is no greater than about 0.16 mm.

40 13. A woven textile graft of claim 12 wherein said crimps have a generally uniform peak-to-peak amplitude not exceeding about 0.5 mm.

14. A woven textile graft of claim 13 wherein said tubular body includes a radiopaque marker therein.

45 15. A woven textile graft of claim 11 wherein said tubular body may be compressed for insertion into an endoluminal catheter.

16. A woven textile graft of claim 11 wherein said tubular graft body is bifurcated.

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17. A textile prosthetic implant comprising:
an elongate body formed from yarns woven into a tubular configuration, said
woven yarns defining a fabric wall having a thickness not exceeding about 0.16 mm.

18. A textile implant of claim 17 wherein said body is formed from a plain weave tubular
fabric.

19. A textile implant of claim 18 wherein said plain weave fabric includes a warp yarn, a weft
yarn.

20. A textile implant of claim 18 wherein said plain warp yarn and said weft yarn having
subsequent equal denier.

21. A textile implant of claim 18 wherein said warp yarn and said weft yarn are multifilament
yarns having approved equal number of filaments.

22. A textile implant of claim 18 wherein said warp yarn and said weft yarn are 50 denier, 48
filament flat polyester.

23. A textile implant of claim 17 wherein said fabric wall includes 17 ends per layer per inch
and 88 picks per layer per inch.

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24. A textile implant of claim 17 wherein said fabric wall has a wall thickness of approximately 0.12 mm.

25. A textile implant of claim 17 wherein said body includes a plurality of longitudinally spaced wave-like crimps extending therealong.

26. A textile implant of claim 25 wherein said crimps have a uniform frequency therealong.

27. A textile implant of claim 25 wherein said crimp-frequency is no less than about 6 crimps per centimeter.

28. A textile graft comprising:
an elongate woven tubular body having a fabric wall of thickness not exceeding 0.16 mm;
said graft being radially compressible for catheter delivery and returnable to an open tubular configuration upon deployment.

29. A graft of claim 28 wherein said fabric wall thickness is approximately 0.12 mm.

30. A graft of claim 29 further including means for effecting said return of said graft to said open tubular configuration upon said deployment.

31. A graft of claim 30 wherein said effecting means includes said graft having a plurality of longitudinally spaced wave like crimps therealong.

~~32. A graft of claim 31 wherein said crimps have a uniform crimp frequency of about 6
crimps per centimeter.~~